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# Harris CapRock and Phasor Partner to Introduce First Phased Array, Flat Panel Antenna for Cruise Market

## Highlights:

- · Harris CapRock and Phasor to develop electronically-steerable antenna (ESA) terminal
- Flat panel antenna will support high throughput Ku-band satellite communications as part of Harris CapRock's managed services offering
- Product will target high bandwidth cruise communications

WASHINGTON, DC—Mar. 15, 2016—Phasor, Inc., a leading developer of high throughput, enterprise-grade, modular phased array antennas today announced a partnership with satellite and remote communications services provider <a href="Harris CapRock Communications">Harris CapRock Communications</a> to develop an electronically-steerable antenna (ESA) terminal. Phasor's ESAs are based on patented innovations in dynamic beam-forming technologies and system architecture. The companies will co-develop a maritime terminal based on Phasor's ESA technology that will support high throughput (HTS) Ku-band satellite communications to be included as part of Harris CapRock's managed services offering. This terminal will be ideal for high mobility and higher bandwidth applications, such as those found in the cruise market. Harris CapRock holds special distribution rights for the terminal in the cruise market.

The cruise-sector communications market is experiencing rapid growth and the ships of today have very unique connectivity requirements. They combine multiple services such as passenger broadband-access, retail, banking and hospitality and this places big demands on their communications infrastructure. The ability to offer a very high standard of connectivity to passengers on board is differentiating factor. Therefore, reliable and expandable broadband connectivity on board a vessel is imperative.

"At Harris CapRock, we have historically been early adopters of emerging technologies that are well-matched to help us exceed our customers' expectations for efficiency, flexibility and reliability," said Tracey Haslam, president, Harris CapRock. "Widely acknowledged for its innovative antenna design, Phasor makes a smart partner for driving our momentum forward by developing and bringing the world's first flat panel, phased array antenna communications solution for the cruise market."

Phasor's very low profile antenna provides high-bandwidth service in a more reliable, robust and failure-tolerant way. The antenna is solid-state, with no moving parts, so satellite signals are tracked electronically. Its sleek look is ideal for cruise lines, eliminating the need for visually unappealing radomes spread around the vessel. The terminal can match the performance of a 2.4m antenna dish, making it the ideal solution to meet the demanding communications requirements of cruise lines, while the antenna's modular architecture allows the system to be scaled to any environment.

"Harris CapRock's market expertise and reputation are founded on reliability and we are very pleased to partner with them to address the growing mobile broadband needs of the cruise sector" said David Helfgott, CEO of Phasor. "Phasor's game-changing, electronically steerable antenna (ESA) technology provides greater capability, flexibility and performance than existing systems today. Together we will leverage our strengths to provide a maritime terminal to ensure the delivery of reliable broadband communications to the cruise market."

## **About Harris CapRock Communications**

Harris CapRock Communications is a premier global provider of managed satellite, terrestrial and wireless communications solutions for the maritime and energy. Harris CapRock provides One Clear Path for its customers by utilizing a robust global infrastructure that includes teleports on six continents, five 24/7 customer support centers, a local presence in 24 countries and hundreds of global field service personnel supporting customer locations across North America, Central and South America, Europe, West Africa and Asia Pacific. www.harriscaprock.com

#### About Phasor, Inc.

Phasor Inc. is a leading developer of high throughput, enterprise-grade, modular phased array antennas, headquartered in Washington DC, with a technology development subsidiary in the UK. Phasor's electronically steerable antennas (ESAs) are based on patented innovations in dynamic beamforming technologies and system architecture. Phasor's mission is to enable high-speed broadband communications while in-flight, at sea or travelling over land. For more information please visit www.phasorsolutions.com